

Refine Search

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Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L9

Search History

DATE: Tuesday, July 03, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

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result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L9</u>	L8 and l7	1	<u>L9</u>
<u>L8</u>	ondansetron hydrochloride.ti.	24	<u>L8</u>
<u>L7</u>	L6 and (548/\$ or 514/\$)	48	<u>L7</u>
<u>L6</u>	L5 and (ethanol or ketone or xylene or isopropanol or ether)	71	<u>L6</u>
<u>L5</u>	L4 and anhydro\$9	83	<u>L5</u>
<u>L4</u>	ondansetron hydrochloride	329	<u>L4</u>

DB=PGPB; PLUR=YES; OP=ADJ

<u>L3</u>	20050131045 or 20040019093	2	<u>L3</u>
<u>L2</u>	2005131045 or 2004019093	0	<u>L2</u>
<u>L1</u>	20020107275	1	<u>L1</u>

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Search Results - Record(s) 1 through 10 of 24 returned.

☐ 1. Document ID: US 20050261351 A1

L8: Entry 1 of 24

File: PGPB

Nov 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050261351

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050261351 A1

TITLE: Process for preparing ondansetron hydrochloride dihydrate having a defined particle size

PUBLICATION-DATE: November 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gutman, Daniella	Rishon Lezion		IL
Cyjon, Rosa	Haifa		IL

US-CL-CURRENT: 514/397; 548/312.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20020115707 A1

L8: Entry 2 of 24

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115707

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020115707 A1

TITLE: Process for preparing pure ondansetron hydrochloride dihydrate

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lidor-Hadas, Rami	Kfar Saba		IL
Bachar, Eliezer	Tel Aviv		IL

US-CL-CURRENT: 514/411; 548/440

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20020107275 A1

L8: Entry 3 of 24

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107275
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020107275 A1

TITLE: Novel crystal and solvate forms of ondansetron hydrochloride and processes for their preparation

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lidor-Hadas, Ramy	Kfar Saba		IL
Aronhime, Judith	Rehovot		IL
Lifshitz, Revital	Herzlia		IL
Weizel, Shlomit	Petah Tikva		IL
Niddam, Valerie	Even-Yeouda		IL
Maymon, Asher	Petach Tikva		IL

US-CL-CURRENT: 514/397; 548/311.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 4. Document ID: US 5622720 A

L8: Entry 4 of 24

File: USPT

Apr 22, 1997

US-PAT-NO: 5622720
DOCUMENT-IDENTIFIER: US 5622720 A

TITLE: Process for reducing the crystal size of ondansetron hydrochloride dihydrate

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 5. Document ID: WO 2005108392 A2

L8: Entry 5 of 24

File: EPAB

Nov 17, 2005

PUB-NO: WO2005108392A2
DOCUMENT-IDENTIFIER: WO 2005108392 A2
TITLE: PROCESS FOR PREPARING ONDANSETRON HYDROCHLORIDE DIHYDRATE HAVING A DEFINED PARTICLE SIZE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw D
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☐ 6. Document ID: WO 2004035567 A1

L8: Entry 6 of 24

File: EPAB

Apr 29, 2004

PUB-NO: WO2004035567A1

DOCUMENT-IDENTIFIER: WO 2004035567 A1

TITLE: HIGH PURITY ONDANSETRON HYDROCHLORIDE DIHYDRATE AND PROCESS FOR ITS SYNTHESIS

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 7. Document ID: EP 1250925 A2

L8: Entry 7 of 24

File: EPAB

Oct 23, 2002

PUB-NO: EP001250925A2

DOCUMENT-IDENTIFIER: EP 1250925 A2

TITLE: Nasal spray containing ondansetron hydrochloride

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 8. Document ID: WO 2055492 A2

L8: Entry 8 of 24

File: EPAB

Jul 18, 2002

PUB-NO: WO002055492A2

DOCUMENT-IDENTIFIER: WO 2055492 A2

TITLE: AN IMPROVED PROCESS FOR PREPARING PURE ONDANSETRON HYDROCHLORIDE DIHYDRATE

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 9. Document ID: EP 415522 A1

L8: Entry 9 of 24

File: EPAB

Mar 6, 1991

PUB-NO: EP000415522A1

DOCUMENT-IDENTIFIER: EP 415522 A1

TITLE: Process for reducing the crystal size of ondansetron hydrochloride dihydrate.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 10. Document ID: CN 1833641 A

L8: Entry 10 of 24

File: DWPI

Sep 20, 2006

DERWENT-ACC-NO: 2007-084463

DERWENT-WEEK: 200715

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TITLE: Preparation and technique of ondansetron hydrochloride oral liquid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KMC	Draw. De
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☐ 11. Document ID: IN 200401421 I3

L8: Entry 11 of 24

File: DWPI

Oct 14, 2005

DERWENT-ACC-NO: 2006-296417

DERWENT-WEEK: 200631

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TITLE: A novel nasal drug delivery system of ondansetron hydrochloride

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	--------

☐ 12. Document ID: WO 2005108392 A2, US 20050261351 A1

L8: Entry 12 of 24

File: DWPI

Nov 17, 2005

DERWENT-ACC-NO: 2005-779470

DERWENT-WEEK: 200579

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TITLE: Preparation of ondansetron hydrochloride dihydrate particles of defined particle size useful to treat nausea involves adding solution of ondansetron hydrochloride and water into precipitation medium of lower alcohol at specific temperature

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	--------

☐ 13. Document ID: IN 200301142 I3

L8: Entry 13 of 24

File: DWPI

Jun 10, 2005

DERWENT-ACC-NO: 2006-013153

DERWENT-WEEK: 200602

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TITLE: Method for preparation of mouth dispersible tablet of active pharmaceutical substance ondansetron hydrochloride with betacyclodex

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	--------

☐ 14. Document ID: IN 200300393 I3

L8: Entry 14 of 24

File: DWPI

Feb 11, 2005

DERWENT-ACC-NO: 2005-470510

DERWENT-WEEK: 200548

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TITLE: Novel oral dispersible tablet of ondansetron hydrochloride dihydrate and tablet preparation by granulation and lubrication

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KM/C	Draw. De
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☐ 15. Document ID: CN 1555795 A

L8: Entry 15 of 24

File: DWPI

Dec 22, 2004

DERWENT-ACC-NO: 2005-233889

DERWENT-WEEK: 200647

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TITLE: Ondansetron hydrochloride freeze dried powder ampoule for injection and its preparation method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KM/C	Draw. De
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☐ 16. Document ID: AU 2003276488 A1, WO 2004035567 A1, HU 200203547 A2

L8: Entry 16 of 24

File: DWPI

May 4, 2004

DERWENT-ACC-NO: 2004-357180

DERWENT-WEEK: 200467

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TITLE: New ondansetron hydrochloride dihydrate containing specific amount of impurities, used as antiemetic agent

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KM/C	Draw. De
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☐ 17. Document ID: CN 1433759 A

L8: Entry 17 of 24

File: DWPI

Aug 6, 2003

DERWENT-ACC-NO: 2004-072333

DERWENT-WEEK: 200408

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TITLE: Slow-release composition of ondansetron hydrochloride, useful for curing vomiting due to chemotherapy or radiotherapy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KM/C	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	----------	----------	--------	------	----------

☐ 18. Document ID: DE 60204620 T2, EP 1250925 A2, JP 2002356424 A, KR 2002082401 A, US 20030044356 A1, KR 434390 B, EP 1250925 B1, DE 60204620 E, ES 2244726 T3

L8: Entry 18 of 24

File: DWPI

May 11, 2006

DERWENT-ACC-NO: 2003-185814

DERWENT-WEEK: 200635

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TITLE: Composition useful as nasal spray in treatment of nausea and vomiting, comprising ondansetron hydrochloride, and nasal administration base material containing water, polyethylene glycol, benzalkonium chloride and solubilizer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 19. Document ID: US 20020115707 A1

L8: Entry 19 of 24

File: DWPI

Aug 22, 2002

DERWENT-ACC-NO: 2003-090213

DERWENT-WEEK: 200308

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TITLE: Preparation of high purity ondansetron hydrochloride dihydrate, useful e.g. as an antiemetic, comprises acidifying a solution of ondansetron base to form a precipitate, then washing and crystallizing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	----------

☐ 20. Document ID: HU 200401239 A2, WO 200236558 A2, AU 200230935 A, US 20020107275 A1, NO 200301928 A, KR 2003042038 A, EP 1339707 A2, CZ 200301397 A3, SK 200300618 A3, MX 2003003761 A1, ES 2204358 T1, CN 1498216 A, JP 2004525083 W, ZA 200303000 A

L8: Entry 20 of 24

File: DWPI

Dec 28, 2004

DERWENT-ACC-NO: 2002-599288

DERWENT-WEEK: 200506

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TITLE: New ondansetron hydrochloride crystalline polymorphic forms useful in a pharmaceutical composition for treating nausea and/or vomiting

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 21. Document ID: RU 2162695 C1

L8: Entry 21 of 24

File: DWPI

Feb 10, 2001

DERWENT-ACC-NO: 2001-242993

DERWENT-WEEK: 200125

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TITLE: Preparation of ondansetron hydrochloride dihydrate, substance and pharmaceutical preparation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KWIC	Drawings
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☐ 22. Document ID: KR 99000993 A

L8: Entry 22 of 24

File: DWPI

Jan 15, 1999

DERWENT-ACC-NO: 2000-114275

DERWENT-WEEK: 200010

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TITLE: Method for reducing fineness of ondansetron hydrochloride dihydrate by spray drying - NoAbstract

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	------------	--------	------	----------

☐ 23. Document ID: US 5756514 A

L8: Entry 23 of 24

File: DWPI

May 26, 1998

DERWENT-ACC-NO: 1998-321584

DERWENT-WEEK: 199828

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TITLE: Use of a serotonin type 3 antagonist e.g. ondansetron hydrochloride - for the treatment and prevention of drug induced pruritus e.g. opioid- induced pruritis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	------------	--------	------	----------

☐ 24. Document ID: AU 9057874 A, KR 182789 B1, HU 54140 T, EP 415522 A, CA

2019944 A, JP 03095178 A, ZA 9005002 A, NZ 234267 A, AU 637110 B, HU 208009 B, RU
2002745 C1, EP 415522 B1, US 5344658 A, DE 69011786 E, ES 2060045 T3, IL 94888 A, SG
9401693 A, IE 64715 B, US 5622720 A, CA 2019944 C, JP 3093242 B2

L8: Entry 24 of 24

File: DWPI

Jan 3, 1991

DERWENT-ACC-NO: 1991-051497

DERWENT-WEEK: 200108

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TITLE: Redn. of crystal size of ondansetron hydrochloride di:hydrate - by de-
solvation followed by rehydration of prod.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KIMC	Draw. De
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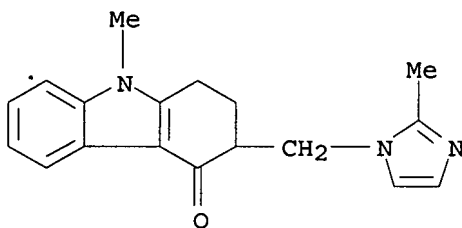
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=> s 99614-01-4
L1 1 99614-01-4
(99614-01-4/RN)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 99614-01-4 REGISTRY
ED Entered STN: 04 Jan 1986
CN 4H-Carbazol-4-one, 1,2,3,9-tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-, hydrochloride (1:1) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 4H-Carbazol-4-one, 1,2,3,9-tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-, monohydrochloride (9CI)
OTHER NAMES:
CN 1,2,3,4-Tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-9H-carbazol-4-one hydrochloride
CN GR 38032F
CN NSC 665799
CN Ondansetron hydrochloride
CN SN 307
DR 110204-46-1, 110707-92-1
MF C18 H19 N3 O . Cl H
CI COM
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, EMBASE, IMSPATENTS, IMSRESEARCH, MRCK*, PHAR, PROMT, PS, RTECS*, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
CRN (99614-02-5)



249 REFERENCES IN FILE CA (1907 TO DATE)
252 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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FULL ESTIMATED COST

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ENTRY	SESSION
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FILE LAST UPDATED: 2 Jul 2007 (20070702/ED)

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```
=> s 99614-01-4/prep
      252 99614-01-4
      4426598 PREP/RL
L2      27 99614-01-4/PREP
      (99614-01-4 (L) PREP/RL)
```

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=> s 99614-01-4/pur
      252 99614-01-4
      258809 PUR/RL
L3      0 99614-01-4/PUR
      (99614-01-4 (L) PUR/RL)
```

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=> s 99614-01-4/proc
      252 99614-01-4
      4129969 PROC/RL
L4      15 99614-01-4/PROC
      (99614-01-4 (L) PROC/RL)
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=> s 12 or 14
L5      41 L2 OR L4
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=> s 15 and py<2000
      20031603 PY<2000
L6      25 L5 AND PY<2000
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=> s 16 and crystal?
      1868474 CRYSTAL?
L7      0 L6 AND CRYSTAL?
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=> s 16 and polymorp?
      210613 POLYMORP?
L8      0 L6 AND POLYMORP?
```

```
=> s 16 and ( hcl or hydrogen chloride)
      576522 HCL
      1000962 HYDROGEN
      1149248 CHLORIDE
      32840 HYDROGEN CHLORIDE
      (HYDROGEN(W)CHLORIDE)
L9      13 L6 AND ( HCL OR HYDROGEN CHLORIDE)
```

```
=> s 19 and ( ethanol or ketone or xylene or isopropanol or methyl tert-butyl
ether or ether)
      274867 ETHANOL
```

153325 KETONE
 110476 XYLENE
 32261 ISOPROPANOL
 1014064 METHYL
 268662 TERT
 278071 BUTYL
 504528 ETHER
 3091 METHYL TERT-BUTYL ETHER
 (METHYL(W) TERT(W) BUTYL(W) ETHER)
 504528 ETHER

L10 1 L9 AND (ETHANOL OR KETONE OR XYLENE OR ISOPROPANOL OR METHYL
 TERT-BUTYL ETHER OR ETHER)

=> d ibib abs hitstr

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1987:576032 CAPLUS

DOCUMENT NUMBER: 107:176032

TITLE: Preparation of tetrahydrocarbazolone derivatives as
 serotonin antagonists

INVENTOR(S): Coates, Ian Harold; Bell, James Angus; Humber, David
 Cedric; Ewan, George Blanch

PATENT ASSIGNEE(S): Glaxo Group Ltd., UK

SOURCE: Eur. Pat. Appl., 54 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

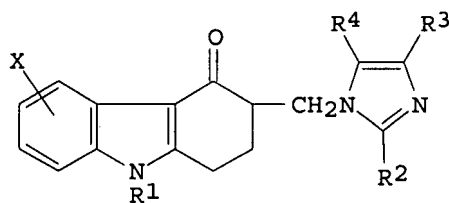
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 219193	A1	19870422	EP 1986-305674	19860723 <--
EP 219193	B1	19920527		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4725615	A	19880216	US 1986-888258	19860723 <--
AT 76642	T	19920615	AT 1986-305674	19860723 <--
JP 62077382	A	19870409	JP 1986-174685	19860724 <--
PRIORITY APPLN. INFO.:			GB 1985-18743	A 19850724
			EP 1986-305674	A 19860723

OTHER SOURCE(S): MARPAT 107:176032

GI



I

AB Tetrahydrocarbazolones I (R1 = H, C1-10 alkyl, C3-7 cycloalkyl, C3-7 cycloalkyl-C1-4-alkyl, C3-6 alkenyl, C3-10 alkynyl, Ph, phenyl-C1-3 alkyl; one of R2, R3, R4 = H, C1-6 alkyl, C3-9 cycloalkyl, C2-6 alkenyl, phenyl-C1-3-alkyl, each of the other groups = H, C1-6 alkyl; X = halo, OH, C1-4 alkoxy, phenyl-C1-3-alkoxy, C1-6 alkyl, NR5R6, CONR56; R5, R6 = H, C1-4 alkyl, C3-4 alkenyl; NR5R6 = saturate 5-7 membered ring) and their salts, potent and selective neuronal 5-hydroxytryptamine receptor antagonists and useful in the treatment of psychotic disorders (e.g. schizophrenia and mania), anxiety, pain, gastric stasis, symptoms of gastrointestinal dysfunction such as occur with dyspepsia, peptic ulcer, reflux

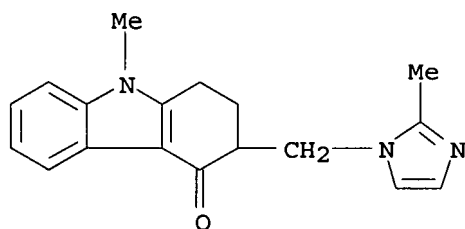
esophagitis, and flatulence, migraine, nausea, and vomiting (no data), were prepared by 6 methods. 4-FC6H4NHNH2.HCl reacted with 1,3-cyclohexanedione to give 3-hydroxy-2-cyclohexen-1-one (4-fluorophenyl)hydrazone which was cyclized with ZnCl2 in refluxing EtOAc to give 6-fluoro-1,2,3,9-tetrahydro-4H-carbazol-4-one. This was methylated with Me2SO4 to the 9-Me derivative, aminomethylation of which with paraformaldehyde and Me2NH.HCl gave 3-[(dimethylamino)methyl]-6-fluoro-1,2,3,9-tetrahydro-9-methyl-4H-carbazol-4-one. This reacted successively with MeI and 2-methylimidazole to give I (R1 = R2 = Me, R3 = R4 = H, X = 6-F). A formulation for injection comprised active ingredient 2.0 mg/mL, NaCl as required, and H2O for injection to 1.0 mL.

IT 99614-01-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as 5-hydroxytryptamine receptor antagonist)

RN 99614-01-4 CAPLUS

CN 4H-Carbazol-4-one, 1,2,3,9-tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl